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NOTICE OF ALLOWANCE AND FEE(S) DUE

45062

7590

12/30/2008

SAP/BS TZ

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

1279 OAKMEAD PARKWAY

SUNNYVALE, CA 94085-4040

EXAMINER

MADAMBA, GLENFORD J

ART UNIT

PAPER NUMBER

2451

DATE MAILED: 12/30/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,623	12/30/2003	Ingo Zenz	6570P019	8235

TITLE OF INVENTION: STARTUP FRAMEWORK AND METHOD FOR ENTERPRISE COMPUTING SYSTEMS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	03/30/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE** OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

45062 7590 12/30/2008

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 1279 OAKMEAD PARKWAY
 SUNNYVALE, CA 94085-4040

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Ingo Zenz

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nonprovisional	NO	\$1510	\$0	\$0	\$1510	03/30/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
MADAMBA, GLENFORD J	2451	709-220000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
 Typed or printed name _____ Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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45062	7590	12/30/2008	EXAMINER	
SAP/BS TZ BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP 1279 OAKMEAD PARKWAY SUNNYVALE, CA 94085-4040			MADAMBA, GLENFORD J	
			ART UNIT	PAPER NUMBER
			2451	

DATE MAILED: 12/30/2008

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 833 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 833 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.

10/749,623

Examiner

Glenford Madamba

Applicant(s)

ZENZ ET AL.

Art Unit

2451

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 17 September 2008.
2. ☒ The allowed claim(s) is/are 1,2,5-9,12-14 and 22-26.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 9/17/08
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Applicant's Representative (Donna Jo Conningsby, Reg No. 41,684) on 11/25/2008.

3. The application has been amended as follows:

In the Claims:

Please AMEND claim 1 as follows:

1. (Currently amended) A method for starting a group of enterprise servers belonging to a cluster of enterprise servers, the method comprising:

registering modifications to configuration data in a hierarchical data object, the configuration data defining a cluster of enterprise servers, the cluster having a plurality of groups of enterprise servers and a central database accessible to the plurality of groups of enterprise servers, the configuration data in the hierarchical data object stored within the central database, and wherein the hierarchical data object comprises a cluster data object at the root of the hierarchical data object, the cluster data object including:

a global settings object containing global configuration data associated with all enterprise servers in the plurality of groups of enterprise servers in the cluster, and

an instance settings object containing server-specific configuration data associated with a specific enterprise server in a group in the plurality of groups of enterprise servers in the cluster, the server-specific configuration data including server layout information uniquely identifying each specific enterprise server in the group and/or parameters associated with each specific enterprise server in the group.

receiving, a notification that modifications to the configuration data have been registered;

comparing binaries configuration data stored within a local file system of each enterprise server with the modified configuration data in the hierarchical data object stored within the central database to identify any binaries and/or configuration settings in the configuration data stored within the local file system which are out-of-date as compared to the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database;

if the binaries and/or configuration settings in the configuration data stored within the local file system are out-of-date as compared to the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database, then updating the binaries and/or configuration settings in the configuration data stored within the local file system from the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database prior to starting each enterprise server in a group of enterprise servers; and

starting each enterprise server in the group of enterprise servers using the updated binaries and/or configuration settings in the configuration data stored within the local file system.

Please AMEND claim 2 as follows:

2. (Currently amended) The method as in claim 1, wherein the hierarchical data object comprises cluster data object at the root of the hierarchical data object, the cluster data object including:

~~a global settings object containing global configuration data associated with all enterprise servers in the plurality of groups of enterprise servers in the cluster, and~~

~~an instance settings object containing server-specific configuration data associated with a specific enterprise server in a group in the plurality of groups of enterprise servers in the cluster, the server-specific configuration data including server layout information uniquely identifying each specific enterprise server in the group and/or parameters associated with each specific enterprise server in the group,~~

the method further comprising:

initiating a boot process for a group of enterprise servers to be started based on bootstrap binaries and parameters contained in the global settings object; and

generating a list of servers within the group to be started based on the server layout information contained in the instance settings object.

Please AMEND claim 8 as follows:

8. (Currently amended) A system for starting a group of enterprise servers belonging to a cluster of enterprise servers, the system comprising:

a central database for storing a hierarchical data object, the hierarchical data object including binaries and configuration settings associated with a group of enterprise servers belonging to a cluster of enterprise servers, and wherein the hierarchical data object comprises a cluster data object at the root of the hierarchical data object, the cluster data object including:

a global settings object containing global configuration data associated with all enterprise servers in the plurality of groups of enterprise servers in the cluster, and
an instance settings object containing server-specific configuration data associated with a specific enterprise server in a group in the plurality of groups of enterprise servers in the cluster, the server-specific configuration data including server layout information uniquely identifying each specific enterprise server in the group and/or parameters associated with each specific enterprise server in the group.

receiving logic to receive a notification that the binaries and configuration settings associated with the group of enterprise servers belonging to the cluster of enterprise servers as stored within the central database in the hierarchical data object have been modified;

bootstrap logic to compare binaries and/or configuration settings stored within a local file system of each enterprise server with the modified binaries and/or configuration settings stored within the central database in the hierarchical data object to identify any binaries and/or configuration settings stored within the local file system which are out-of-date,

wherein if the binaries and/or configuration settings stored within the local file system are out-of-date, then the bootstrap logic updates the binaries and/or configuration settings stored within the local file system from the modified binaries and/or configuration settings stored within the central database in the hierarchical data object prior to starting each enterprise server; and

startup and control logic to start each enterprise server in the group of enterprise servers using the updated binaries and/or configuration settings stored within the local file system.

Please AMEND claim 9 as follows:

9.(Currently amended) The system as in claim 8, ~~wherein the hierarchical data object stored in the central database comprises a cluster data object at the root of the hierarchical data object, the cluster data object including:~~

~~a global settings object containing global configuration data associated with all enterprise servers in the plurality of groups of enterprise servers in the cluster, and~~

~~an instance settings object containing server specific configuration data associated with a specific enterprise server in a group in the plurality of groups of enterprise servers in the cluster, the server specific configuration data including server layout information uniquely identifying each specific enterprise server in the group and/or parameters associated with each specific enterprise server in the group,~~

~~and further~~ wherein said bootstrap logic comprises group bootstrap logic and node-specific bootstrap logic, the system further comprising:

group bootstrap logic to generate a list of enterprise servers within the group of enterprise servers to be started based on the server layout information retrieved from the instance settings object in the hierarchical data object in the central database.

Please AMEND claim 22 as follows:

22. (New) An article of manufacture for starting a group of enterprise servers belonging to a cluster of enterprise servers, comprising:

a machine-readable medium on which is stored a plurality of machine-executable instructions which, when executed, perform a method comprising:

registering modifications to configuration data in a hierarchical data object, the configuration data defining a cluster of enterprise servers, the cluster having a plurality of groups of enterprise servers and a central database accessible to the plurality of groups of enterprise servers, the configuration data in the hierarchical data object stored within the central database; and wherein the hierarchical data object comprises a cluster data object at the root of the hierarchical data object, the cluster data object including:

a global settings object containing global configuration data associated with all enterprise servers in the plurality of groups of enterprise servers in the cluster, and

an instance settings object containing server-specific configuration data associated with a specific enterprise server in a group in the plurality of groups of enterprise servers in the cluster, the server-specific configuration data including server layout information uniquely

identifying each specific enterprise server in the group and/or parameters associated with each specific enterprise server in the group;

receiving a notification that modifications to the configuration data have been registered;

comparing configuration data stored within a local file system of each enterprise server with the modified configuration data in the hierarchical data object stored within the central database to identify any binaries and/or configuration settings in the configuration data stored within the local file system which are out-of-date as compared to the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database;

if the binaries and/or configuration settings in the configuration data stored within the local file system are out-of-date as compared to the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database, then, prior to starting each enterprise server in a group of enterprise servers, updating the binaries and/or configuration settings in the configuration data stored within the local file system from the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database;
and

starting each enterprise server in the group of enterprise servers using the updated binaries and/or configuration settings in the configuration data stored within the local file system.

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Please AMEND claim 23 as follows:

23. (New) The article of manufacture as in claim 22, ~~wherein the hierarchical data object comprises a cluster data object at a root of the hierarchical data object, the cluster data object including:~~

~~a global settings object containing global configuration data associated with all enterprise servers in the plurality of groups of enterprise servers in the cluster, and~~

~~an instance settings object containing server specific configuration data associated with a specific enterprise server in a group in the plurality of groups of enterprise servers in the cluster, the server specific configuration data including server layout information uniquely identifying each specific enterprise server in the group and/or parameters associated with each specific enterprise server in the group, and~~

~~wherein the method performed further comprises:~~

~~initiating a boot process for a group of enterprise servers to be started based on bootstrap binaries and parameters contained in the global settings object; and~~

~~generating a list of servers within the group to be started based on the server layout information contained in the instance settings object.~~

Allowable Subject Matter

4. Original Claims 1-2, 5-9, 12-14, and 22-26 are renumbered 1-15 respectively. Original Claims 3-4, 10-11, and 15-21 are cancelled.

5. The following is an examiner's statement of reasons for allowance:

The Office has deemed Applicant's latest arguments claim amendments and corresponding remarks persuasive to overcome the rejection under the prior art references with respect to the following amended claim features:

1. (Currently amended) A method for starting a group of enterprise servers belonging to a cluster of enterprise servers, the method comprising:

registering modifications to configuration data in a hierarchical data object, the configuration data defining a cluster of enterprise servers, the cluster having a plurality of groups of enterprise servers and a central database accessible to the plurality of groups of enterprise servers, the configuration data in the hierarchical data object stored within the central database, and wherein the hierarchical data object comprises a cluster data object at the root of the hierarchical data object, the cluster data object including:

a global settings object containing global configuration data associated with all enterprise servers in the plurality of groups of enterprise servers in the cluster, and

an instance settings object containing server-specific configuration data associated with a specific enterprise server in a group in the plurality of groups of enterprise servers in the cluster, the server-specific configuration data including server layout information uniquely identifying each specific enterprise server in the group and/or parameters associated with each specific enterprise server in the group.

receiving, a notification that modifications to the configuration data have been registered;

comparing binaries configuration data stored within a local file system of each enterprise server with the modified configuration data in the hierarchical data object stored within the central database to identify any binaries and/or configuration settings in the configuration data stored within the local file system which are out-of-date as compared to the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database;

if the binaries and/or configuration settings in the configuration data stored within the local file system are out-of-date as compared to the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database, then updating the binaries and/or configuration settings in the configuration data stored within the local file system from the binaries and/or configuration settings in the modified configuration data in the hierarchical data object related to the cluster and stored within the central database prior to starting each enterprise server in a group of enterprise servers; and

starting each enterprise server in the group of enterprise servers using the updated binaries and/or configuration settings in the configuration data stored within the local file system.

Specifically, Applicants remarks that none of the cited art teaches or discloses “a method for starting a group of enterprise servers belonging to a cluster of enterprise servers, the method comprising: registering modifications to configuration data in a hierarchical data object, the configuration data defining a cluster of enterprise servers, the cluster having a plurality of groups of enterprise servers and a central database accessible to the plurality of groups of enterprise servers, the configuration data in the hierarchical data object stored within the central database, and wherein the hierarchical data object comprises a cluster data object at the root of the hierarchical data object, the cluster data object including:

a global settings object containing global configuration data associated with all enterprise servers in the plurality of groups of enterprise servers in the cluster, and
an instance settings object containing server-specific configuration data associated with a specific enterprise server in a group in the plurality of groups of enterprise servers in the cluster, the server-specific configuration data including server layout information uniquely identifying each specific enterprise server in the group and/or parameters associated with each specific enterprise server in the group”, as recited by amended claim 1, is found to be persuasive.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Glenford Madamba whose telephone number is 571-272- 7989. The examiner can normally be reached on Monday-Friday 7:00AM-4: 30PM, first Fridays OFF.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 571-272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, .contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Art Unit: 2451

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/John Follansbee/

Supervisory Patent Examiner, Art Unit 2151